Roadstar®

MP-450

1.8” PORTABLE MP4 PLAYER WITH FM STEREO RADIO

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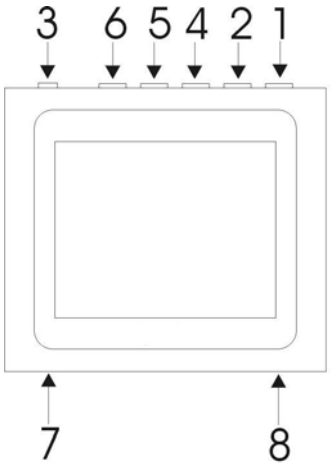
Know your player



Key Function Definition

1．⏯: Confirm/Power On/off , Play, Pause, Stop

2．**M**: Entry main menu or exit from current menu.

3．**ON/OFF**: Power switch.

4．**VOL**: Volume selection

5．⏭: Next, fast forward & volume up

6．⏮**:** Previous, fast backward, volume down

7．**USB**: USB port

8．Earphone port

Battery Level

- Battery is full on 3.7 V. As time goes on, the power indication displayed will decrease.
- Indicator shows blank when battery almost ran out. You should charge your battery at that time.

Battery recharge:

Please switch on the player before charge. This player cannot be charged in case of power off. You also can connect the unit to PC to charge.

Please switch off power when not using the player.

Main menu

Basic function

Set the **ON/OFF** switch to **ON** position.

- **Access to Menu**

  Press **Menu** key to enter into the menu.

- **List of Menu**

press ⏮ or ⏭ buttons

Music mode

Movie mode

Record mode

Voice mode

FM Radio mode

Picture mode

Setup mode

E-book mode

Game mode

Music

- **Simple actions**

1. Turn on/off: with **ON/OFF** switch to **ON** position and unit turned off press and keep pressed play button to turn it on; with unit turned on, press and keep pressed play button to turn it off.

2. Select **Music** in main menu, and press ⏯ to enter the files, short press ⏯ again to play music; during playback press play button to pause music.
3. Select a music: ⏮: Previous music;
   ⏭: Next music.
4. Volume adjust: Short press VOL key, and press ⏮ to decrease volume
   press ⏭ to increase volume, to return to previous menu press menu or do not press any button for 10 seconds.

When playing music, press **M** key to entry play submenu;

Synchronous Lyric Display

The player supports lyric files with *.LRC suffix, and displays synchronously.

How to use lyric files?

Please make sure the lyric has the same name to the music

For example:

Music file: My heart will go on.mp3

Lyric file: My heart will go on.lrc

How to know if lyric available?

When the lyric is available, during playback, press and keep pressed **M** key to enter lyrics interface：

1. the lyrics are displayed
2. press menu button to return to music mode.

Movie

Before play the movie, please convert the format into AMV. You can find the convert tool in the assorted CD.

Under main menu, select **Movie**, press ⏯ to enter, and short press ⏯ to play the movie.

Select a movie: ⏮: Previous movie;

⏭: Next movie.

Volume adjust: Short press VOL key, and press ⏮ to decrease volume

Short press VOL key, and press ⏭ to increase volume

Record

Enter main menu and select **Record** and press ⏯ key to enter

Short press ⏯ key to start recording, press ⏯ again to pause recording.

Long press **M** key to save the current recording.

Voice will be recorded in Voice folder.

If displayed “Memory full”, it means mo space to save new record files, please delete other files to release memory space.

If “Fold full” shown, it means there are 99 record files in this fold. Please choose another one.

The player only responses to ⏯ and **M** key when record processing

- **Select Record Type**

1. before starting recording, press “**M**” to enter the submenu.

2. Press ⏭ to select ‘REC type’ submenu, and short press ⏯ to enter,

.

3. Press ⏭ button to select recording mode and confirm with ⏯ button.

32K Bit Rate	WAV file
64K Bit Rate	WAV file

Voice

Under main menu, select **Voice**, and short press ⏯ to enter the voice play interface, then press ⏯ again to play.

Select a voiced file: ⏮: Previous file;

⏭: Next file.

Volume adjust: Short press VOL key, and press ⏮ to decrease volume

Short press VOL key, and press ⏭ to increase volume

FM radio

Under main menu, select **FM radio**, and short press ⏯ to enter

Auto search

Press **M** button to enter submenu, press ⏭ button to select auto search, press ⏯ button to start stations searching. The 20 stations found will be automatically saved.

Volume adjustment: short press VOL button, press ⏮ button to decrease the volume

Short press VOL button, press ⏭ button to increase the volume

Manual tuning

Press ⏮: Downward 100 KHz

Push ⏭: Upward 100 KHz

Save channels manually:

In order to manually store a radio station you need to free a memory first, set on the station to delete, press M button and choose delete channel and short press ⏯ button to delete the station. Search the desired station, press M key, select Save and press ⏯ key to save.

Listening to a saved channel:

If there are more than one saved channels. You can press ⏯ to choose a saved channel.

Radio recording

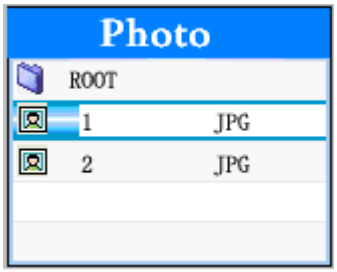
Press **M** key and choose FM radio recording, press ⏯ to enter recording mode and press again to start recording, press and keep pressed **M** button to stop and save recording.

Photo

Support JPEG, BMP photos.

Under main menu, select **Photo**,

Press ⏯ key to entry corresponding submenu:

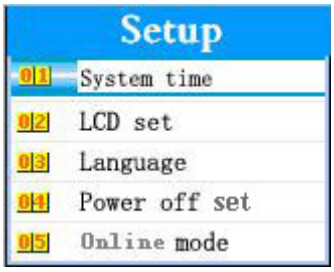


Press ⏮ or ⏭ to select the photo you want to read, press ⏯ to play it, press **M** key to enter submenu setup.

Long press **M** key to return to main menu.

Setup

Under main menu, select **Setup,** and press ⏯ to enter



○"System time" Setting

Press ⏯ to entry 'system time' interface：

Short press **VOL** to set from the year

Press ⏭/ ⏮to adjust the data

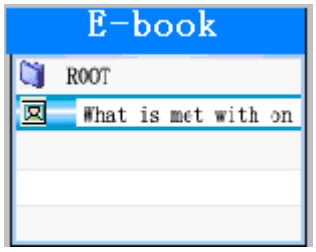
Short press **VOL** switch to month

After adjust, press **M** to exit.

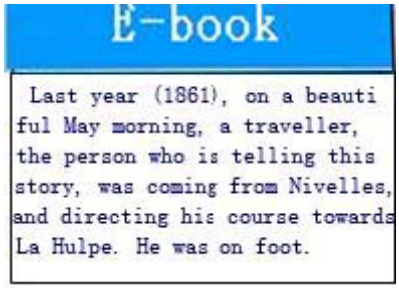
LCD Set	You can adjust the black screen time for automatic turn off display through the submenu.
Language	Select the language you want to use as default by pressing ⏭/⏮, and press ⏯ to confirm.
Power off set	Time setting for automatically unit turn off. Sleep setting
Online mode	PC connection setting
Memory info	Check the memory free space
Firmware version	Display the current firmware version
Firmware upgrade	Firmware upgrade (only connected to PC)
Exit	Exit from the current interface

E-book

Under main menu, select **E-book**



Press ⏭/ ⏮ select the document you want to read, press ⏯ key begin to read; press **M** key to enter submenu setup.

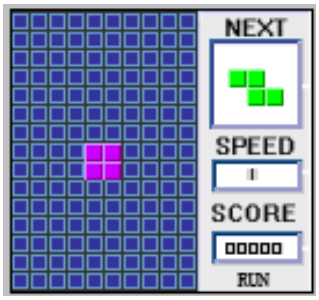

E-book
Last year (1861), on a beauti
ful May morning, a traveller,
the person who is telling this
story, was coming from Nivelles,
and directing his course towards
La Hulpe. He was on foot.

Note: press ⏭/ ⏮ buttons to scroll the text.

Game

Under main menu, select **Game**, and press ⏯ to enter the game

Tetrix



"⏮" Move to left

"⏭" Move to right

"⏯" Pause/ begin

"M" change shape, long press to exit

"VOL": Speed up

Using as USB Disk

The player is also a standard USB disk. Supported by Windows XP, Vista and 7.

The player supports USB power supply. To entry, when on "waiting mode", press **M** return to main menu and choose the operation you need while the player is connected to PC.

This player supports Suspend mode.

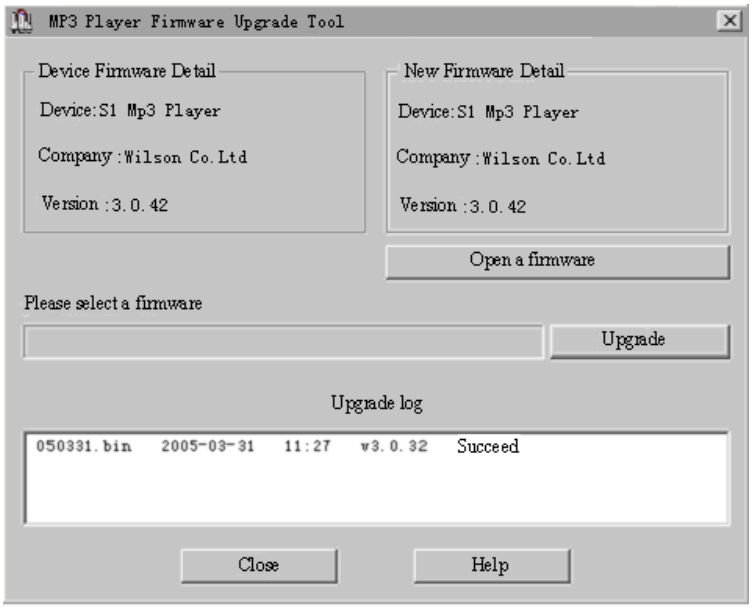
When connected to PC, The player works on the three modes below:

Connect PC	Download data
Upload data	

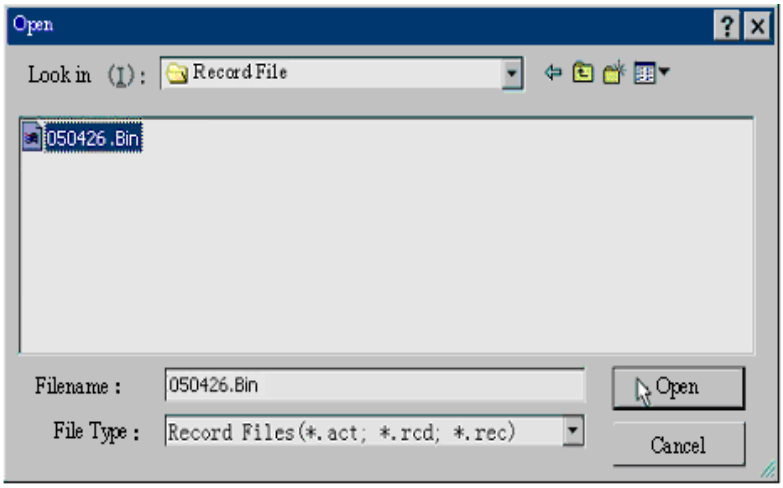
Upgrade your player

You can use Pc software to maintain or upgrade player's firmware.

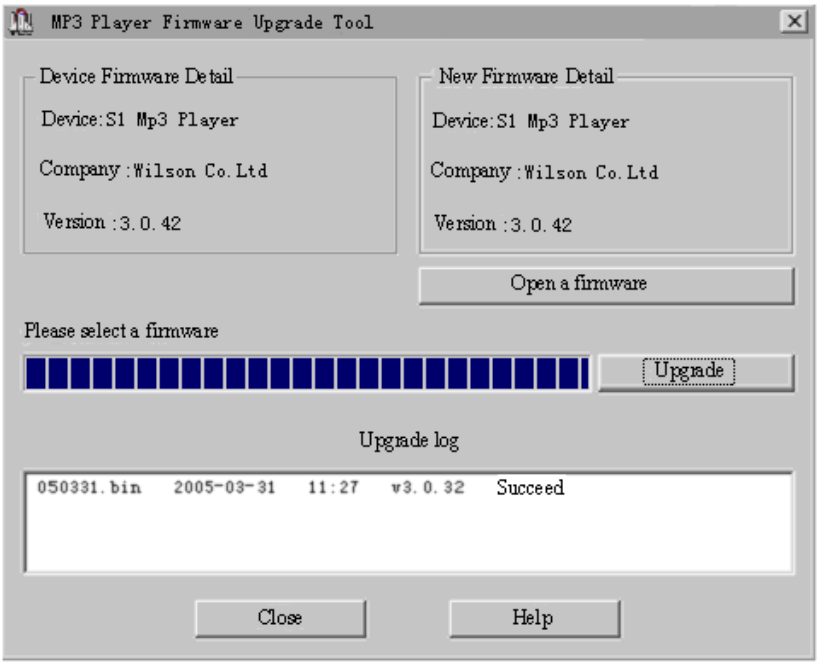
1. Connect player to PC
2. Running upgrade tools *MP3 Player Update Tool* (supplied with installation CD), then click 'Select new firmware file' to choose the upgrade file.



3. Select a new firmware file.



4. Click ‘Start Upgrade’, the upgrade process will start.



5. While upgrade successful, the player will display like this:

Firmware upgrade is to improve player’s performance; you can still use it normally without doing upgrade process

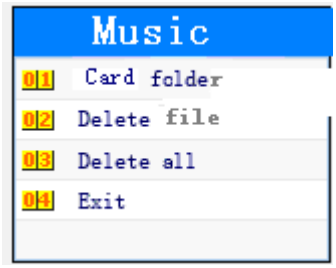
Player may not work by incorrect process! Please read this manual carefully before doing upgrade process.

The upgrade software cannot work for other player and vice verse.

Other settings

- **Choose other fold (Stop submenu)**

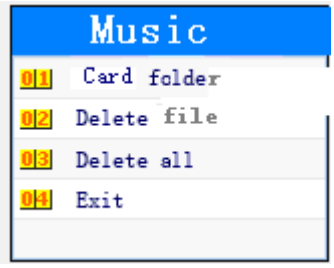
You can classify files into several different folders that ease to manage them (folders should be created on PC). The player can identify 9 folders in root

1. When stopped 	2. Press **M** key to entry Stop submenu 
3. Press ⏯ key to entry folder choosing interface 	4. Press ⏭/ ⏮ to select a folder
5. Press ⏯ key to entry the selected folder	

Please note: You can set folders independently in Music / Record / Voice mode

- **Delete file (Stop submenu)**

You delete correspond files/channels in each Music/Voice/FM modes.

1. When Stopped. (No stop interface in FM mode) 	2. Press ⏯ key to entry Stop submenu 
3. Press ⏭/ ⏮ to choose ‘Delete ’ or ‘Delete all’	4. Press ⏭/ ⏮ to select the file you want to delete, press ⏯ key to enter delete interface. Select YES or No.
5. Press ⏯ key to confirm delete	

‘Delete all’ will delete all files in current folder of current mode. I.e. Choose ‘Delete all’ in Music mode will

delete all music files; recorder files will not be affected.

On FM mode, all saved channel will be removed.

Please safely removed player and unplug USB cable after delete files on PC, otherwise some files will not be removed.

- **Play mode (Play submenu)**

You can choose different play mode (i.e. repeat, shuffle) when playing music or recorded files

○ **REPEAT**

(Normal)	Playing music files in sequence until the end of folder
(Repeat One)	Repeat single music file
(Folder)	Play all music files in folder
(Repeat Folder)	Repeat all music files in folder
(Repeat All)	Repeat all music files

○**SHUFFLE**

(Random)	Play music files in folder randomly

○**INTRO**

(Intro)	Play the 10s of each music files in sequence

EQ mode

Natural
Rock
Pop
Classical
Soft
Jazz
DBB

About Secret Space

NOTE: MP3 Player Disk Tool is not compatible with Windows Vista.

Some MP3 user may worry about divulging secret. They do not want others to find private information contained, therefore these data have to be removed before lend their own MP3 to others. It makes some trouble.

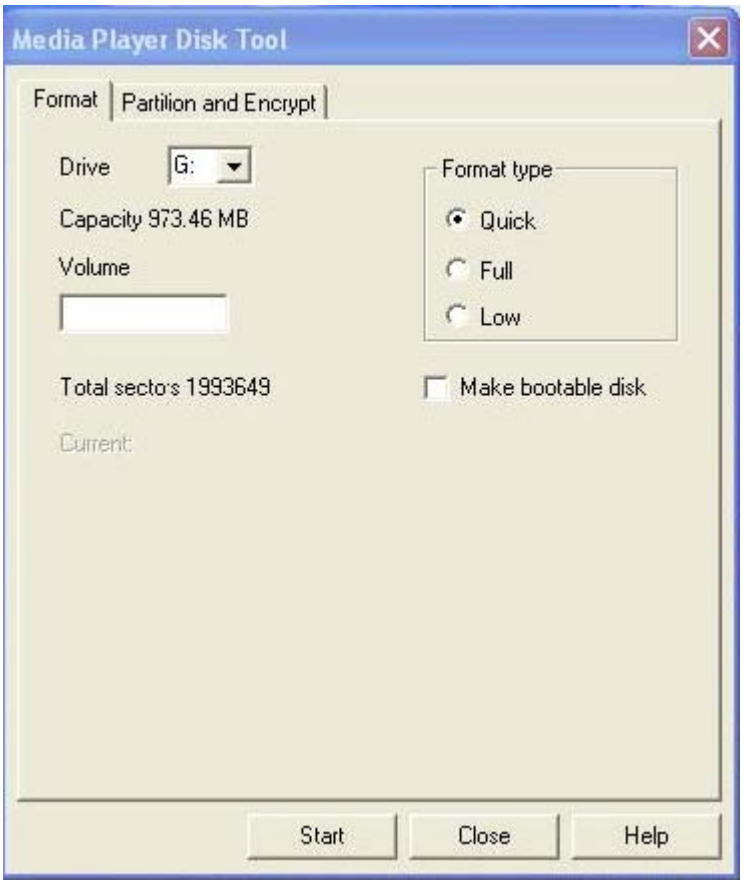
However, this problem has totally solved by ‘Secret Space’ technique!

You can use provided software to divide the whole USB disk into two parts, and encrypt one of them. You can

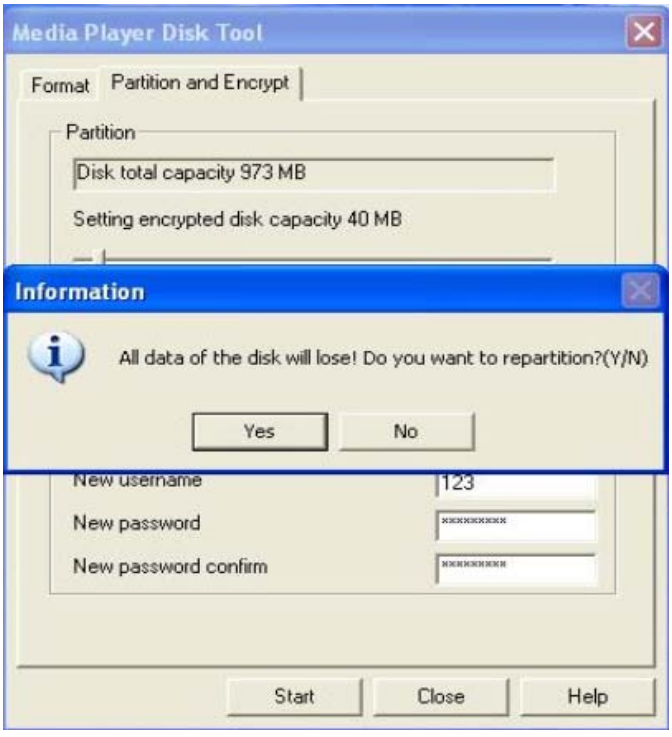
move your privacy into the encrypted part; they will be protected by password.

To active ‘Secret Space’:

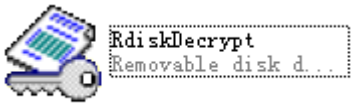
1. Connect your player to PC
2. Run Media Player Disk Manager which can be found in provided CDROM



3. Click ‘Partition and Encrypt’ card, Allocate appropriate space and set username and password, and then click Start.



4. After restart you will find two disks (only one disk can be seen on Windows 2K SP4or prior), click the encrypted disk (the second one) as follow:



5.Running executable file 'RdiskDecrypt.exe' and input username and password. If all are correct, disk will be opened, and files can be copied into.

6.You must enter username and password each time access encrypted disk.

Warning: Divide one disk into parts will remove all data and so does combine process.

Warning: Please remember username and password. If you forget it, you can only making combine processing and you will loss all encrypted data.

Convert Video files into AMV format

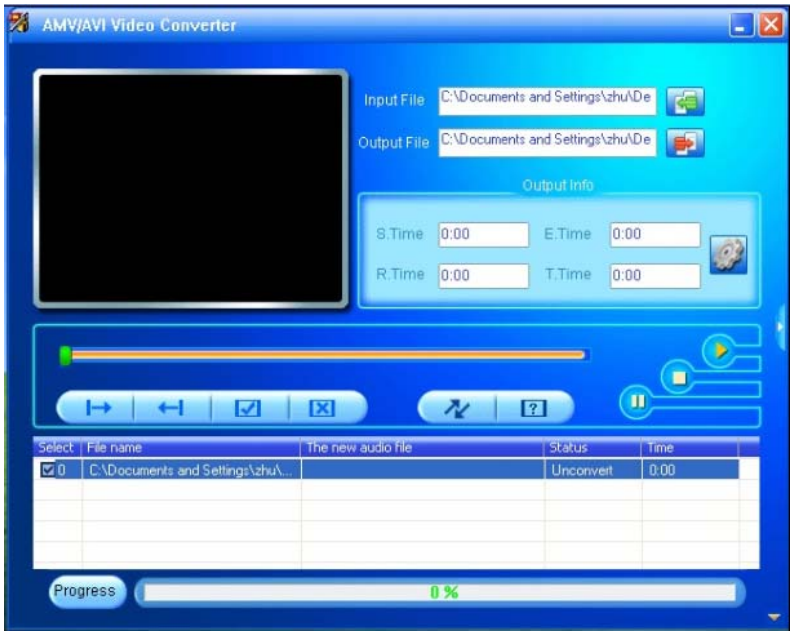
The below video formats could be converted into AMV format video file by using Program tools provided in the assorted CD driver:

AVI format (.avi)
Windows Media format (.asf, .wmv & .wma)
MPEG 1 format (.mpg, mpeg &.dat)
Realplayer format (.rm)
Quicktime format (.mov)
MPEG 2 format (.vob)
NOTE: to convert some formats it is necessary to have installed the related codec (for example quicktime © for ".mov" files or DivX Codec© for some ".avi" files)

Installation: Put the assorted CD driver onto your computer CD disk driver, open the file clip name AMV transfer tool, select program named "Setup.exe" and double click it to run the installation program.

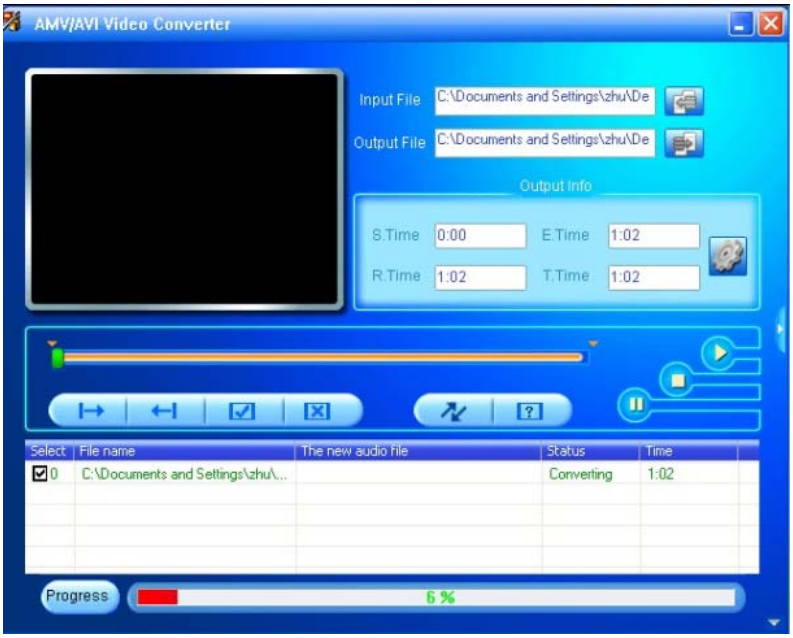
After installation finish, you could find the program named Media Player Utilities 4.25 in your computer, select the AMV&AVI Video Converter to start your converting.

1. Run “AMV&AVI Video Converter”, click to choose the folder where to save the AMV files, then click to select the position where the original files are.



2. Select unprocessed AMV/AVI files, then click , the icon will be highlighted into and a dialog box will show. Choosing the setting of the AMV/AVI file you want to obtain, then click OK to confirm. (Note: Only pixels in “160 * 120 can be supported for this player at AMV format, pls refer below)

3. Click to start converting.



4. After convert, the AMV files will be played automatically.

Troubleshooting

No Power	Check if battery have no power Make sure you have switched the player on
No Sound	Make sure volume is not on 0 position and the connection to earphone is valid Please make sure the earphone is clean Damaged MP3 files may have noise and even cannot be played
Strange characters on display	Make sure you have chose correct language
FM has bad performance	Adjust place of player and earphone Switch off power appliance nearby Earphone MUST be used as antenna
Cannot Download Music	Check USB cable, and make sure the player is properly connected to the PC Check if the driver has well installed Check if there is still blank memory

Technical Specifications

Screen	Matrix (128*160), 65536 colours	
Connecting to PC	USB2.0 Full Speed	
Memory	4GB	
Power Supply	Maximum 4/5 hours in music play mode or 2 hours for video.	
Voice Recorder	Sample rate	8KHz
	Format	WAV (32K bps)

	Time	35hours (512M Flash)
MP3、WMA	Max. Output	(L) 10mW + (R) 10mW (32Ohm)
	MP3 Bit rate	8K bps – 320K bps
	WMA、Bit rate	5K bps – 384K bps
	Freq. Response	20Hz to 20KHz
	SNR	85dB
FM Radio	Frequency Range	87 MHz – 108MHz
	Maximum Stored Channels	20
	Max. Output	(L) 10mW + (R) 10mW (32Ohm)
	SNR	45dB
Supported Music Formats	MP3, WMA, WAV	
Supported Video Format	AMV	
Operate Temperature	-5 to 40 degree	
Multi Languages Display	English, Italian etc	
Supported Systems	Windows 2000/XP/Vista/7	

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

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